PATENT Docket No.: DE030025US Customer No. 000024737

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
 THOMAS SCHEEL et al.

Serial No.: 10/542,132

Serial No.: 10/542,132

Filed: July 12, 2005

For: DIGITAL STATE CONTROLLER FOR \$ A HIGH-VOLTAGE GENERATOR USING THE \$ MIXED-MODE MODULATION METHOD \$

RESPONSE TO OFFICE ACTION

MS Non-Fee Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Examiner:

In response to the Office Action mailed June 30, 2006, please amend the aboveidentified application as follows:

Amendment to the Abstract begins on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begin on page 3 of this paper.

Amendment to the Drawings begins on page 8 of this paper.

Remarks/Arguments begin on page 9 of this paper.

An **Appendix** including an amended drawing figure is attached following page 12 of this paper.